



BUILDING MATERIAL WITH PROTECTION FROM INSECTS, MOLDS, AND FUNGI

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Abstract

An insulated building panel for use in residential or commercial construction comprising a core of expanded polystyrene (EPS) bonded to at least two exterior skins of oriented strand board by a urethane laminating adhesive and treated with a sodium borate, such as disodium octaborate tetrahydrate, to preserve and protect the building panels from attack by many types of insects, molds, and fungi is disclosed. In an alternative embodiment, EPS for a variety of construction and insulating uses so protected are disclosed.

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